

**SECTION 00622 - GRINDING CONCRETE PAVEMENT**

*(Follow all instructions and make all edits with "Track Changes" turned on. If there are no instructions [purple text] above a subsection, paragraph, sentence, or bullet, then include it in the project. Delete all purple text before preparing the final document. All other modifications to this Section will require ODOT Technical Resource and State Specifications Engineer approval.)*

~~*(Use the following lead-in paragraph when none of the following subsections are included in the project.)*~~

~~Comply with Section 00622 of the Standard Specifications.~~

~~*(Use the following lead-in paragraph when any of the following subsections are included in the project.)*~~

Comply with Section 00622 of the Standard Specification modified as follows:

*(Use the following subsection .40 when full depth repairs are needed. Be sure to include Section 00758 and appropriate bid items.)*

Add the following subsection:

**00622.40 Preparation** - Complete full-depth concrete repairs, spall repairs, and joint repairs according to Section 00758 in the area to be ground before beginning grinding operations.

~~*(Use the following subsection .41 to identify the aggregate hardness tolerance. Fill in the blank with either "Moderately Hard Aggregate" or "Hard Aggregate" as determined by the designer.)*~~

**00622.41 Grinding** - Replace the paragraph that begins "The Project's Aggregate ..." with the following paragraph:

The Project's Aggregate hardness tolerance is listed in the Special Provisions.

~~*(Use the following subsection .41two paragraphs to identify the aggregate hardness tolerance. Fill in the blank with either "Moderately Hard Aggregate" or "Hard Aggregate" as determined by the designer.)*~~

Add the following paragraph to the end of this subsection.

This Project's Aggregate Hardness Tolerance is \_\_\_\_\_.

**00622.43 Surface Finish** - Replace the bullet that begins "Has a longitudinal ..." with the following bullet:

- Has a longitudinal line-type texture with corrugations parallel to the outside Pavement edge that presents a narrow ridge corduroy type appearance.

**00622.70 Pavement Smoothness** - Replace the paragraph that begins "Perform smoothness testing ..." with the following paragraph:

Perform smoothness testing under the observation of the Engineer. If the Contractor performs smoothness measurements on a Day other than the Day Pavement grinding is performed, all additional traffic control required for the smoothness testing, but not required for other Work, is at no additional cost to the Agency.

**00622.70(a) Straightedge Testing and Tolerance** - Replace this subsection, except for the subsection number and title, with the following:

Test the surface with a 12-foot straightedge perpendicular to the centerline. Do not vary the Pavement surface by more than 1/4 inch. Straightedge testing is not required across longitudinal joints or outside the ground area.

**00622.70(b)(1) Pavement Smoothness** - Replace the paragraph that begins "The Pavement shall..." with the following paragraph:

Provide Pavement with a profile index of 7.0 inches per mile or less for each wheel path in each 0.1-mile segment or partial segment, and having no individual deviation of 0.3 inch or more.

**00622.70(b)(3)a. General** - Replace the paragraph that begins "Determine the profile ..." with the following paragraph:

Determine the profile index of Pavement in 0.1-mile segments and partial segments. A segment will end and is considered a partial segment and a new segment begins when the segment sequence is interrupted by stage construction or by profiled areas excluded from the GPT smoothness requirements.

**00622.70(c) Failure To Meet Graphic Profile Requirements** - Replace the paragraph that begins "Retest all segments ..." with the following paragraph:

Retest all segments requiring corrective work for the entire length according to 00622.70(b) under the observation of the Engineer. All corrective work and graphic profiling, including traffic control, is at no additional cost to the Agency.

**00622.90 Payment** - Replace the paragraph that begins "Payment will be payment ..." with the following paragraph:

Payment will be payment in full for providing all Equipment, labor, and Incidentals necessary to complete the Work as specified.